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ORIGINAL

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KANSAS CORPORATION COMMISSION  
Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE  
CONSERVATION DIVISION  
WICHITA, KS

SEP 13 2006

Operator: License # 33365  
 Name: Layne Energy Operating, LLC  
 Address: 1900 Shawnee Mission Parkway  
 City/State/Zip: Mission Woods, KS 66205  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: M. B. Natrass  
 Phone: (913) 748-3987  
 Contractor: Name: Thornton Air Rotary  
 License: 33606  
 Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>5/18/2006</u>	<u>5/22/2006</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26377-00-00  
 County: Wilson  
 \_\_\_\_\_ SE \_\_\_\_\_ NE Sec. 6 Twp. 30 S. R. 14  East  West  
2011 feet from S /  (circle one) Line of Section  
699 feet from  (circle one) W Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: McNown Well #: 8-6  
 Field Name: Cherokee Basin Coal Area  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 956 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1482 Plug Back Total Depth: 1473  
 Amount of Surface Pipe Set and Cemented at 40 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1473  
 feet depth to Surface w/ 150 sx cmt.

**Drilling Fluid Management Plan** AH II NH 7-30-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used N/A - Air Drilled  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: M B Natrass  
 Title: Agent Date: 9/12/06  
 Subscribed and sworn to before me this 12 day of September  
 2006  
 Notary Public: Brooke C. Maxfield  
 Date Commission Expires: 12/28/09

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

NOTARY PUBLIC - State Of Kansas  
 BROOKE C. MAXFIELD  
 My Appt. Exp. 12/28/09

Operator Name: Layne Energy Operating, LLC Lease Name: McNown Well #: 8-6  
 Sec. 6 Twp. 30 S. R. 14  East  West County: Wilson

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures. whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample		
Name	Top	Datum
Pawnee Lime	980 GL	-24
Excello Shale	1069 GL	-113
V Shale	1142 GL	-186
Mineral Coal	not present	
Mississippian	1394 GL	-438

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	40'	Class A	10	Type 1 cement
Casing	6.75	4.5	10.5	1473'	Thick Set	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	SI-waiting on completion		

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**WICHITA, KS**

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>SI-waiting on completion</b>		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
 (If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

MORNING COMPLETION REPORT

Report Called in by: : JOHN ED

Report taken by: KR D

LEASE NAME & #			AFE#	DATE	DAYS	CIBP	PBTD
MCNOWN 8-6			G01015600100	5/18/2006	1	DEPTH	TYPE FLUID
						TYPE	
PRESENT OPERATION:							WT
DRILL OUT FROM UNDER SURFACE							VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH		REPAIR DOWN TIME HRS			CONTRACTOR	
			TEST PERFS			RIG NO	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TO			SQUEEZED OR PLUG BACK PERFS
			TO			TO	
			TO			TO	
			TO			TO	
			TO			TO	
HRS	BRIEF DESCRIPTION OF OPERATION						
	MIRU THORTON DRILLING, DRILLED 11" HOLE, 40' DEEP, RIH W/ 2 JT 8 5/8" SURFACE CASING,						
	MIXED 10 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.						

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	500
MISC	2460

DETAILS OF RENTALS, SERVICES, & MISC

DRILLING @ 6.50/ft	
CEMENT	160
DIRTWORKS (LOC, RD, PIT)	500
SURFACE CASING	500
LAND/ LEGAL	2000

DAILY TOTALS          3160      PREVIOUS TCTD          TCTD          3160

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CONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 65720  
620-431-9210 OR 800-467-8676

TICKET NUMBER 09994  
LOCATION Eureka  
FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-23-06	4758	McNown 8-6				Wilson
CUSTOMER			Gus Jones			
Mailing Address			TRUCK #	DRIVER	TRUCK #	DRIVER
Layne Energy			446	Scott		
P.O. Box 160			439	Justin		
CITY			434	Rick P.		
STATE						
ZIP CODE						
Sycamore						
KS						

JOB TYPE Long Term HOLE SIZE 6 3/4" HOLE DEPTH 1482' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb.  
 CASING DEPTH 1473' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2 lb SLURRY VOL 47 Bbls WATER gal/sk 8.0 CEMENT LEFT in CASING: 0'  
 DISPLACEMENT 23 1/2 Bbls DISPLACEMENT PSI 600 ~~PSI~~ 1000 Pump Plug RATE \_\_\_\_\_

REMARKS: Safety Meetings: Rig up to 4 1/2" casing, Break circulation with water - wash casing down 10'  
Pumped 10 Bbl Gel Flush, 5 Bbl water, 10 Bbl Metasilicate Preflush, 10 Bbl water, Rig up Cement Head  
Pumped 1.3 Bbl Dye water, Mixed 150 sks Thick Set cement w/ 10" 1 1/2" of K01-SEAL - 73 3/4 1 1/2 gal  
Shut down - wash out pump spines - Release Plug - Displace Plug with 23 1/2 Bbls water  
Final pump up at 600 PSI - Pumped Plug to 1000 PSI - wait 20 minutes - Release Pressure  
Float Held - Good cement returns to surface with 8 Bbl slurry  
Job complete - Tear down

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"Thanks"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	WICHITA KS UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 1 <sup>st</sup> well log 2	3.15	126.00
1126A	150 sks	Thick Set cement	14.65	2197.50
1110A	1500 lbs	K01-SEAL 10" 1 1/2"	.36	540.00
1118A	200 lbs	Gel Flush	.14	28.00
1111A	50 lbs	Metasilicate - Pre flush	1.65	82.50
5407A	8.25 Tons	40 miles - Bulk TRK	40.5	346.50
5502C	3 Hrs	80 Bbl VAC TRK	90.00	270.00
1123	3000 GAL	City water	12.80	38.40
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
			Sub Total	4468.90
			SALES TAX 6.3%	184.36
			ESTIMATED TOTAL	4653.26

205607

AUTHORIZATION Called by John Fed

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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**GEOLOGIC REPORT** CONFIDENTIAL

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CONSERVATION DIVISION  
WICHITA, KS

LAYNE ENERGY  
McNown 8-6  
SE NE, 2011 FNL, 699 FEL  
Section 6-T30S-R14E  
Wilson County, KS

Spud Date:	5/18/2006
Drilling Completed:	5/22/2006
Logged:	5/22/2006
A.P.I. #:	1520526377
Ground Elevation:	956'
Depth Driller:	1482'
Depth Logger:	1472'
Surface Casing:	8.625 inches at 40'
Production Casing:	4.5 inches at 1473'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

<b>Formation</b>	<b>Tops (in feet below ground level)</b>
Douglas Group	Surface (Stranger Formation)
Pawnee Limestone	980
Excello Shale	1,069
"V" Shale	1,142
Mineral Coal	not present
Mississippian	1,394

09/12/06

# Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

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Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

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Re: Well Completion Form

To Whom It May Concern:


I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-205-26377  
McNown 8-6

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,

  
Brooke C. Maxfield

Enclosures

Cc Well File  
Field Office

